

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Withdrawn) A structure comprising a shaped and layered construction, the structure comprising:
 - (a) an acrylic polymer layer having a thickness up to about 2.5 mm;
 - (b) a thermoplastic layer having a thickness of about 0.5 mm to about 15 mm;and
 - (c) a third layer comprising a fiber reinforced composite.
2. (Withdrawn) A structure according to claim 1 wherein the acrylic polymer layer is an exposed exterior layer of the construction.
3. (Withdrawn) A structure according to claim 2 wherein the acrylic layer is adjacent the thermoplastic layer.
4. (Withdrawn) A structure according to claim 2 wherein the third layer is adjacent to the thermoplastic layer.
5. (Withdrawn) A structure according to claim 1 wherein the acrylic polymer layer is an exposed decorative exterior layer of the construction.
6. (Withdrawn) A structure according to claim 1 wherein the acrylic polymer layer is about 0.4 mm to about 1 mm and the thermoplastic layer is about 1.5 mm to about 15 mm.
7. (Withdrawn) A structure according to claim 2 wherein the layer of acrylic polymer and the thermoplastic layer comprise a laminate.

8. (Withdrawn) A structure according to claim 1 wherein the thermoplastic layer is selected from the group consisting of ABS, ASA or ABS-acrylic alloy.

9. (Withdrawn) A structure according to claim 7 wherein the laminate is a thermoplastic sheet.

10. (Withdrawn) A structure according to claim 1 wherein the structure is in the shape of a bathroom tub, tub surround or spa.

11. (Withdrawn) A structure according to claim 1 wherein the construction is a component of a motor vehicle.

12. (Withdrawn) A structure according to claim 11 wherein the construction is a component of a motor vehicle door, hood, trunk lid or tonneau.

13. (Withdrawn) A structure according to claim 1 wherein the construction is a component of a boat.

14. (Withdrawn) A structure according to claim 1 wherein the construction is a component of a recreation vehicle.

15. (Withdrawn) A structure according to claim 1 wherein the construction is a component of a recreational equipment.

16. (Withdrawn) A structure according to claim 15 wherein the construction is a component of a canoe, kayak, water slide, water skis, golf cart or playground equipment.

17. (Withdrawn) A structure according to claim 1 wherein the construction is a component of an aircraft or aerospace device.

18. (Withdrawn) A structure according to claim 1 further comprising rigid polyurethane foam reinforcement.

19. (Withdrawn) A construction according to claim 1 wherein the fiber reinforced composite comprises a cured thermoset resin reinforced composite.

20. (Withdrawn) A construction according to claim 19 wherein the thermoset resin comprises a cured unsaturated polyester resin.

21. (Withdrawn) A construction according to claim 19 wherein the composite is reinforced with glass fiber

22. (Withdrawn) A structure according to claim 18 further comprising a fiber reinforcement composite layer enclosing the rigid polyurethane foam reinforcement.

23. (Withdrawn) A structure according to claim 1 further comprising a structure including a substantially planar surface adjacent to one angle of about 85 to 105°.

24. (Withdrawn) A structure according to claim 23 further comprising a curved surface adjacent to the angle or to the planar surface.

25. (Withdrawn) A structure according to claim 1 further comprising an installation aperture.

26. (Withdrawn) A structure according to claim 1 further comprising an attachment flange.

27. (Previously Presented) A structure comprising a shaped and layered construction having strength and rigidity, the structure comprising, in the order as follows:

(a) an exterior acrylic thermoplastic polymer film layer, such a film layer avoids problems inherent in a gel coat having a thickness up to about 2.5 mm providing an attractive appearance;

(b) a thermoplastic polymer layer having a thickness effective to provide strength, rigidity or integrity to the structure of greater than about 0.5 to about 15 mm;

(c) a third layer comprising an acrylic thermoplastic polymer, ASA or ABS-acrylic alloy; and

(d) a fourth layer contiguous with the third layer comprising a single cured fiber reinforced thermoset resin composite.

28. (Previously Presented) A structure according to claim 27 wherein the acrylic thermoplastic polymer film layer is an exposed exterior layer of the construction.

29-31. (Canceled)

32. (Previously Presented) A structure according to claim 27 wherein the acrylic thermoplastic polymer film layer is about 0.4 mm to about 1 mm and the thermoplastic layer is about 1.5 mm to about 15 mm.

33. (Previously Presented) A structure according to claim 28 wherein the acrylic thermoplastic polymer layer and thermoplastic polymer layer comprise a laminate.

34. (Previously Presented) A structure according to claim 27 wherein the thermoplastic polymer layer is selected from the group consisting of ABS, ASA or ABS-acrylic alloy.

35. (Original) A structure according to claim 33 wherein the laminate is a thermoplastic sheet.

36. (Original) A structure according to claim 27 wherein the structure is in the shape of a bathroom tub, tub surround or spa.

37. (Previously Presented) A structure according to claim 27 wherein the construction is a structural component of a motor vehicle.

38. (Previously Presented) A structure according to claim 37 wherein the construction is a structural component of a motor vehicle hood, door, trunk lid or tonneau.

39. (Previously Presented) A structure according to claim 27 wherein the construction is a structural component of a boat.

40. (Previously Presented) A structure according to claim 27 wherein the construction is a structural component of a recreation vehicle.

41. (Previously Presented) A structure according to claim 39 further comprising rigid polyurethane foam reinforcement.

42. (Canceled)

43. (Previously Presented) According to claim 27 wherein the cured fiber reinforced thermoset resin composite comprises a cured unsaturated polyester resin.

44. (Previously Presented) A construction according to claim 27 wherein the cured fiber reinforced thermoset resin composite is reinforced with glass fiber.

45. (Previously Presented) A structure according to claim 41 further comprising a cured fiber reinforced thermoset resin composite layer enclosing the rigid polyurethane foam reinforcement.

46. (Original) A structure according to claim 27 further comprising a structure including a substantially planar surface adjacent to one angle of about 85 to 105°.

47. (Original) A structure according to claim 46 further comprising a curved surface adjacent to the angle or to the planar surface.

48. (Original) A structure according to claim 27 further comprising an installation aperture.

49. (Original) A structure according to claim 27 further comprising an attachment flange.

50. (Withdrawn) A structure comprising a shaped and layered construction, the structure comprising:

- (a) an acrylic polymer layer having a thickness up to about 2.5 mm;
- (b) a thermoplastic ABS or ABS-acrylic alloy layer having a thickness of about 0.5 mm to about 15 mm;
- (c) a third layer comprising an acrylic polymer, ASA or ABS-acrylic polymer alloy;
- (d) a fourth layer comprising a fiber reinforcement composite contiguous with the third layer; and
- (e) a structural polymer foam reinforcement.

51. (Withdrawn) A structure according to claim 50 wherein the acrylic polymer layer is an exposed exterior layer of the construction.

52. (Withdrawn) A structure according to claim 51 wherein the acrylic layer is adjacent the thermoplastic layer.

53. (Withdrawn) A structure according to claim 51 wherein the third layer is adjacent to the thermoplastic layer.

54. (Withdrawn) A structure according to claim 50 wherein the acrylic polymer layer is an exposed decorative exterior layer of the construction.

55. (Withdrawn) A structure according to claim 50 wherein the acrylic polymer layer is about 0.4 mm to about 1 mm and the thermoplastic layer is about 1.5 mm to about 15 mm.

56. (Withdrawn) A structure according to claim 51 wherein the layer of acrylic polymer and the layer of thermoplastic comprise a laminate.

57. (Withdrawn) A structure according to claim 50 wherein the thermoplastic layer is selected from the group consisting of ABS, ASA or ABS-acrylic alloy.

58. (Withdrawn) A structure according to claim 56 wherein the laminate is a thermoplastic sheet.

59. (Withdrawn) A structure according to claim 50 wherein the structure is in the shape of a bathroom tub, tub surround or spa.

60. (Withdrawn) A structure according to claim 50 wherein the construction is a component of a motor vehicle.

61. (Withdrawn) A structure according to claim 60 wherein the construction is a component of a motor vehicle door, hood, trunk lid or tonneau.

62. (Withdrawn) A structure according to claim 50 wherein the construction is a component of a boat.

63. (Withdrawn) A structure according to claim 50 wherein the construction is a component of a recreation vehicle.

64. (Withdrawn) A structure according to claim 50 further comprising rigid polyurethane foam reinforcement.

65. (Withdrawn) A construction according to claim 50 wherein the fiber reinforced composite comprises a cured thermoset resin reinforced composite.

66. (Withdrawn) A construction according to claim 65 wherein the thermoset resin comprises a cured unsaturated polyester resin.

67. (Withdrawn) A construction according to claim 65 wherein the composite is reinforced with glass fiber

68. (Withdrawn) A structure according to claim 50 further comprising a fiber reinforcement composite layer enclosing the rigid polyurethane foam reinforcement.

69. (Withdrawn) A structure according to claim 50 further comprising a structure including a substantially planar surface adjacent to one angle of about 85 to 105°.

70. (Withdrawn) A structure according to claim 69 further comprising a curved surface adjacent to the angle or to planar surface.

71. (Withdrawn) A structure according to claim 50 further comprising an installation aperture.

72. (Withdrawn) A structure according to claim 50 further comprising an attachment flange.